


FORM PTO-1449	Atty. Docket No.: M61.12-0565	Appl. No.: 10/662,985
<p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p> 	First Named Inventor:	
	Min Chu et al.	
	Filing Date	Group Art:
	September 15, 2003	2641

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
/M.C./	AA 6,829,578	12/2004	Huang et al.	704	211	
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS


	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AM						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AN	
AO	
AP	

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/M.C./	AA	5,146,405	09/1992	Church, Kenneth W.	704	9
	AB	5,905,972	05/1999	Huang et al.	704	268
	AC	6,230,131	05/2001	Kuhn et al.	704	266
	AD	6,751,592	06/2004	Shiga, Yoshinori	704	258
	AE	6,665,641	12/2003	Coorman et al.	704	260
	AF	6,064,960	05/2000	Bellegarda et al.		

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	Document No.	Date	Country	Class	Sub Class	Translation Yes No
	AG	EP 0 984 426	03/2000	EP		

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	AH	Huang X et al., "Recent Improvements on Microsoft's Trainable Text-To-Speech System-Whistler," Acoustics, Speech and Signal Processing, 1997, pp. 959-962
	AI	Hunt A et al., "Unit Selection in a Concatenative Speech Synthesis System Using a Large Speech Database," IEEE International Conference on Acoustics, Speech and Signal Processing, 1996, pp. 373-376
	AJ	Tien Ying Fung et al., "Concatenating Syllables for Response Generation in Spoken Language Applications," IEEE International Conference on Acoustics, Speech and Signal Processing, 2000, pp. 933-936
	AK	Fu-Chiang Chou et al., "A Chinese Text-To-Speech System Based on Part-of-Speech Analysis, Prosodic Modeling and Non-Uniform Units," Acoustics, Speech, and Signal Processing, 1997, pp. 923-926
	AL	Bigorgne D. et al., "Multilingual PSOLA Text-To-Speech System," Statistical Signal and Array Processing, Proceedings of the International Conference on Acoustics, Speech, and Signal Processing, 1993, pp. 187-190
	AM	Nakajima S et al., "Automatic Generation of Synthesis Units Based on Context Oriented Clustering," International Conference on Acoustics, Speech and Signal Processing, 1988, pp. 659-662
	AN	Black A W et al. "Optimising Selection of Units from Speech Databases for Concatenative Synthesis," 4 th European Conference on Speech Communication and Technology Eurospeech, 1995, pp. 581-584
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/M.C./	AP	P.B. Mareuil and B. Soulage, "Input/output normalization and linguistic analysis for a multilingual text-to-speech Synthesis System," Proc. of 4 th ISCA workshop on speech synthesis, Scotland, 2001.
	AQ	http://www.research.att.com/projects/tts/ .
	AR	D.H. Klatt, "The Klattalk text-to-speech conversion system," Proc. of ICASSP '82, pp. 1589-1592, 1982.
	AS	H. Fujisaki, K. Hirose, N. Takahashi and H. Morikawa, "Acoustic characteristics and the underlying rules of intonation of the common Japanese used by radio and TV announcers," Proc. of ICASSP '86, pp. 2039-2042, 1986.
	AT	K.N. Ross and M. Ostendorf, "A dynamical system model for generating fundamental frequency for speech synthesis," IEEE transactions on speech and audio processing, Vol. 7, No. 3, pp. 295-309, 1999.
	AU	J.R. Bellegarda, K. Silverman, K. Lenzo, and V. Anderson, "Statistical prosodic modeling: from corpus design to parameter estimation," IEEE transactions on speech and audio processing, Vol. 9, No. 1, pp. 52-66, 2001.
	AV	S. Chen, S. Hwang and Y. Wang, "An RNN-based prosodic information synthesizer for Mandarin text-to-speech," IEEE transactions on speech and audio processing, Vol. 6, No. 3, pp. 226-239, 1998.
	AW	M. Chu, H. Peng, H. Yang and E. Chang, "Selecting non-uniform units from a very large corpus for concatenative speech synthesizer," Proc. of ICASSP '2001, Salt Lake City, 2001.
	AX	E. Moulines and F. Charpentier, "Pitch-Synchronous Waveform Processing Techniques for Text-to-Speech Synthesis Using Diphones," Speech Communication Vol. 9, pp. 453-467, 1990.
	AY	Y. Stylianou, T. Dutoit, and J. Schroeter, "Diphone concatenation using a harmonic plus noise model of speech," Proc. Of Eurospeech '97, pp. 613-616, Rhodes, 1997.
	AZ	M. Chu, H. Peng, H. Yang and E. Chang, "Selecting non-uniform units from a very large corpus for concatenative speech synthesizer," Proc. of ICASSP '2001, Salt Lake City, 2001.
	BA	X.D. Huang, A. Acero, J. Adcock, et al., "Whistler: a trainable text-to-speech system," Proc. of 'ICSLP '96, Philadelphia, 1996.
	BB	R.E. Donovan and E.M. Eide, "The IBM trainable speech synthesis system," Proc. of ICSLP '98, Sidney, 1998.
	BC	H. Peng, Y. Zhao and M. Chu, "Perpetually optimizing the cost function for unit selection in a TTS system with one single run of MOS evaluation," Proc. of ICSLP '2002, Denver, 2002.
	BD	M. Chu and H. Peng, "An objective measure for estimating MOS of synthesized speech," Proc. of Eurospeech '2001, Aalborg, 2001.
✓	BE	http://www.microsoft.com/speech/techinfo/compliance/

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	BH	5,384,893	1/1995	Hutchins, Sandra E.	704	267
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	BJ	6,076,060	6/2000	Lin et al.	704	260
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	BL	2002/0072908	06/2002	Case et al.	704	260
	BM	5,732,395	03/1998	Alexander Silverman	704	260
	BN	5,839,105	11/1998	Ostendorf et al.	704	256
	BO	6,401,060	06/2002	Critchlow et al.	704	1
	BP	6,185,533	02/2001	Holm et al.	704	267

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	BQ	Wang, et al. "Tree-Based Unit Selection for English Speech Synthesis," ICASSP'93, Vol. 2, pp. 191-194 (1993).
	BR	Huang, X., Luo, Z. and Tang, J., "A Quick Method for Chinese Word Segmentation," Intelligent Processing Systems, Vol. 2, pp. 1773-1776 (1997).
	BS	Wong, P. and Chan, C., "Chinese Word Segmentation Based on Maximum Matching and Word Binding Force," COLING'96, Copenhagen (1996).
	BT	Wang, W.J., Campbell, W.N., Iwahashi, N. and Sagisaka, Y., "Tree-Based Unit Selection for English Speech Synthesis," ICASSP'93, Vol. 2, pp. 191-194 (1993).
	BU	Hon, H., Acero, A., Huang, S., Liu, J. and Plumpe, M., "Automated Generation of Synthesis Units for Trainable Text-to-Speech Systems," ICASSP'98, Vol. 1, pp. 293-296 (1998).
	BV	Black, A. and Campbell, N., "Unit Selection in a Concatenative Speech Synthesis System Using a Large Speech Database," ICASSP'96, pp. 373-376 (1996).
✓	BW	Chu, M., Tang, D., Si, H., Tian, Z. and Lu, S., "Research on Perception of Juncture Between Syllables in Chinese," Chinese Journal of Acoustics, Vol. 17, No. 2, pp. 143-152.

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